

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,164,445 B2  
APPLICATION NO. : 10/068815  
DATED : January 16, 2007  
INVENTOR(S) : Kijima et al.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**IN THE SPECIFICATION**

At column 1, line 4, insert the following copy:

**--CROSS-REFERENCE TO RELATED APPLICATION**

This application is a divisional of U.S. Patent Application No. 09/350,335, filed July 9, 1999.

**FIELD OF THE INVENTION--.**

At column 1, line 6, delete "BACKGROUND OF THE INVENTION".

At column 1, line 11, after line beginning with "cameras, digital cameras and the like:", insert --BACKGROUND OF THE INVENTION--.

At column 1, line 50, after the words "which the", delete "compresses" and insert therefor --compressed--.

At column 2, line 5, after the word "obtaining", insert --a--.

At column 2, line 18, before the words "is done", delete "charge discharge" and insert therefor --discharge of charge--.

At column 3, line 6, after the word "synchronism", delete "to" and insert therefor --with--.

At column 3, line 15, after the word "synchronism", delete "to" and insert therefor --with--.

At column 3, line 21, after the word "period", delete "V5" and insert therefor --V6--.

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At column 4, line 10, after the word "synchronism", delete "to" and insert therefor --with--.

At column 4, line 49, after the word "frequency", delete "of" and insert therefor --,--.

At column 4, line 58, before the word "type", delete "normally open" and insert therefor --a normally-open--.

At column 5, line 3, after the word "Furthermore,", insert --a--.

At column 5, line 12, after the word "trigger,", insert --a--.

At column 5, line 38, after the word "judging", insert --an--.

At column 6, line 5, after the word "than", insert --when--.

At column 6, line 27, after the word "judging", delete "mean" and insert therefor --means--.

At column 6, line 31, after the word "around", insert --(i.e. is located near to)--.

At column 7, line 10, after the word "judging", insert --a--.

At column 7, line 16, after the words "basis of", insert --the--.

At column 7, line 18, before the word "objects", delete "Other" and insert therefor --The above as well as other--.

At column 8, line 12, before the word "Figure", delete "the" and insert therefor --this--.

At column 8, line 37, after the words "member 51", delete "having open ends." and insert therefor --open at both ends--.

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At column 8, line 52, after the word "pair", insert --of--.

At column 8, line 57, after the words "with a", delete "prefix" and insert therefor --suffix--.

At column 8, line 58, after the words "with a", delete "prefix" and insert therefor --suffix--.

At column 8, line 63, after the word "closer", delete "to" and insert therefor --together--.

At column 9, line 9, before the words "with its", delete "51y" and insert therefor --51z--.

At column 9, line 15, before the word "lens", delete "fix" and insert therefor --fixed--.

At column 9, line 18, before the word "lens", delete "fix" and insert therefor --fixed--.

At column 9, line 39, after the word "member", delete "65" and insert therefor --66--.

At column 9, line 58, before the word "stop", delete "fix" and insert therefor --fixed--.

At column 10, line 11, before the word "Figures", delete "The" and insert therefor --These--.

At column 10, line 16, after the words "signal as", insert --a--.

At column 10, line 34, after the word "FIG.", delete "4" and insert therefor --5--.

At column 10, line 52, after the word "apparatus,", insert --to--.

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At column 11, line 15, before the word "each", delete "to" and insert therefor --with--.

At column 11, line 67, before the words "the output", delete "to" and insert therefor --by--.

At column 12, line 20, after the words "that the", delete "1RWS" and insert therefor --1RSW--.

At column 12, line 61, after the word "means", delete "210" and insert therefor --20--.

At column 13, line 5, before the words "in dependence", delete "21" and insert therefor --f2--.

At column 13, line 8, before the word "frequency", delete "sweep-put" and insert therefor --sweep-out--.

At column 13, line 26, after the word "means", delete "20" and insert therefor --28--.

At column 13, line 36, after the words "according to", insert --whether--.

At column 13, line 40, after the word "frequency", delete "f12" and insert therefor --f--.

At column 13, line 55, before the word "compares", delete "19", and insert therefor --18--.

At column 13, line 60, after the word "sets", insert --f to--.

At column 14, line 9, after the word "means", delete "20" and insert therefor --28--.

At column 14, line 61, after the word "level", delete "VBC1", and insert therefor --VBC2--.

At column 14, line 65, after the word "sets", insert --f to--.

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At column 15, line 16, before "f2", delete "for" and insert therefor --or--.

At column 15, line 26, after the word "sets", insert --f to--.

At column 15, line 28, after the word "means", delete "209", and insert therefor --20--.

At column 15, line 39, after the word "into", delete "considerations" and insert therefor --consideration--.

At column 15, lines 44 & 45, after the words "it is", delete "in dependence" and insert therefor --dependent--.

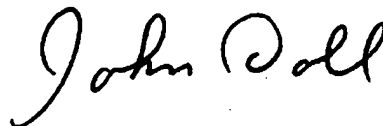
At column 15, line 65, after the word "taking", delete "it into considerations" and insert therefor --into consideration--.

**IN THE CLAIMS**

At claim 15, column 19, line 14, before the word "element", delete "imagine" and insert therefor --imaging--.

Signed and Sealed this

Third Day of February, 2009



JOHN DOLL  
*Acting Director of the United States Patent and Trademark Office*